

NOTICE OF INTENT FOR GENERAL PERMIT FOR TREATED GROUND WATER NO. UTG790000

**STATE OF UTAH, DEPARTMENT OF ENVIRONMENTAL QUALITY,
DIVISION OF WATER QUALITY**

195 North 1950 West, P.O. Box 144870, Salt Lake City, Utah 84114-4870 (801)536-4300

Submission of this Notice of Intent constitutes notice that the party identified in the first block (below) of this form intends to be authorized by UPDES General Permit No. UTG790000, issued for discharges of treated ground water to surface waters in the State of Utah. Coverage of this permit obligates such discharger to comply with the terms and conditions of the permit.

PLEASE PROVIDE ALL REQUIRED INFORMATION

THIS BOX FOR DIVISION OF WATER QUALITY USE ONLY

COVERAGE NUMBER: UTG07_____ **COVERAGE DATES:** ____/____/20____ **TO** ____/____/20____

RECEIVING WATER: _____ **CLASSIFICATION:** _____

EFFLUENT LIMITATIONS BASED ON PERMIT *Part I.D.* OR *I.E.*

ADDITIONAL MONITORING AND/OR EFFLUENT LIMITATIONS: _____

DIVISION PERMIT OF COVERAGE ISSUANCE:

SIGNATURE: ____/____/20____ **SIGNATURE:** _____

Once coverage is assigned discharge monitoring reports will be generated and provided to the operator.

1. Contact Information (used for permit correspondence)

Permitee Company Name: _____

Permitee Contact Name: _____

Permitee Contact Phone: _____

Permitee Contact Email: _____

Mailing Address: _____

Mailing Address 2: _____

Mailing City: _____

Mailing State: _____

Mailing Zip Code: _____

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2. Owner

Owner/Manager Name: _____

Owner/Manager Phone: _____

Owner/Manager Email: _____

Legal Status of Owner/Operator: _____

Project Name: _____

3. Project Site Location

Project Street Address: _____

(if address is not available Lat/Long must be provided)

Project Address 2: _____

Project City: _____

Project County: _____

Project State: Utah

Project Zip Code: _____

Project Site Phone: ____ (____) ____ - ____

List the Latitude and Longitude of the project location in **degree decimal**: _____

Project Lead

Project Lead Name: _____

Project Lead Phone: _____

4. Site Description

Description of cleanup site, including a description of the source(s) of contamination and the extent of contamination and any additional contamination anticipated in the local ground water from other possible sources: _____

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5. Map

Attach a topographical map of the area extending to at least 1 mile beyond the property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its waste treatment, storage, or disposal facilities, and discharge locations. Include all springs, rivers, and other surface water bodies in the map.

6. Project Dates

Filing your permit will grant you one year of coverage from the filing date regardless of the project duration outlined below. If your project ends early, you must a Notice of Termination (NOT).

Project Start Date: _____/_____/____20_____

Project Completion Date: _____/_____/____20_____

7. Discharge Location(s)

List the Latitude and Longitude of the Discharge Point(s) in **degree decimal**:

1) _____ 2) _____

3) _____ 4) _____

Is the project located on tribal lands? **Yes / No**

If the facility is located on Tribal Lands the permittee must contact EPA region VIII except for facilities on the Navajo Reservation or on the Goshute Reservation, for which the permittee must contact EPA region IX.

Does the discharge flow into a storm drain before entering the receiving water body? **Yes / No**

Be Advised: Discharges to storm drains must be approved by the storm drain authority/owner.

Description of Discharge location and conveyance system to live water:

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8. Receiving Water

Receiving Water Body Name: _____

Are any of the discharge points located in the Colorado River Basin?

Yes / No

9. Receiving Water Designated Uses

Does the receiving water designated uses include Class 1C drinking water as defined by R317-2-13? **Class 1C** waters are “Protected for domestic purposes with prior treatment by treatment processes as required by the Utah Division of Drinking Water”

Yes / No

10. Influent and Effluent Concentrations

Complete attached Table A and list any additional pollutants (not included in Table A) with influent and effluent concentrations here:

Discharge **IS** to Class 1C Water:

1. In addition to completing Table A, influent sampling including total toxic organics (TTO) results must be attached. See attached Table B for list of TTO constituents. No permits for discharge to Class 1C Waters will be issued prior to influent sampling being conducted and results received.
2. An analysis of alternative disposal methods of the treated ground water must be attached. This analysis must include an economic comparison of the alternative disposal methods. If no other disposal methods are feasible the analysis must demonstrated the consideration of other methods such as trucking and/or discharge to a treatment facility.
3. If the project will last longer than one year DWQ may require Level II Antidegradation review be conducted. Please contact DWQ Staff for further information.

Discharge is **NOT** to Class 1C Water:

1. In addition to completing Table A, influent sampling including total toxic organics **OR** a report documenting why influent sampling is not needed for this project and an estimation of anticipated influent constituent concentrations.
2. In accordance with *Part I.E.* the permittee may petition Total Petroleum Hydrocarbon (TPH-GRO and TPH-DRO) analyses may be substituted for the TTO analyses. If approved Maximum Daily Effluent Limitations of 1.0 mg/L TPH-GRO and TPH-DRO will be substituted for the TTO effluent limitation.

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11. Description of Treatment System

Description of the current or proposed treatment system, including discharge flow rate (attach a flow diagram):

12. Certification and Signature

This application must be signed by the owner, operator, or authorized representative of the facility. Refer to *Part IV.G, Signatory Requirements*, of the General Permit.

Mail to: Division of Water Quality
Department of Environmental Quality
P.O. Box 144870
Salt Lake City, Utah 84114-4870

I certify under penalty of law that this submission was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I further certify that the applicant has sufficient title, right or interest in the property where the proposed activity occurs.

Signature: _____

Date: _____

Signatory Title: _____

13. Please be advised of the following:

- a. You may need to file for a temporary application to appropriate water rights from the Division of Water Rights. Call (801) 538-7240 for more information.
- b. You may need to obtain approval from the Division of Air Quality if any air stripping equipment is to be employed at the cleanup site. Call (801) 536-4000 for more information.

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Table A

Analysis of Treatment System Influent and Effluent

You must report concentrations for each pollutant listed. Please refer to Part I.D and I.E of the permit or NOI to determine if actual influent values are required or if estimated values will be accepted.

Are influent values: **estimated** or **actual**

Are effluent values: **estimated** or **actual**

Parameters	Influent			Effluent		
	Avg.	Max.	No. of	Avg.	Max.	No. of
	(mg/L)	(mg/L)	Samples	(mg/L)	(mg/L)	Samples
pH (range in standard units)						
Total Suspended Solids						
Total Dissolved Solids						
Total Lead						
Oil & Grease						
Benzene						
Toluene						
Ethylbenzene						
Xylenes						
Naphthalene						
MTBE						
TTO's* (attach full list if required)						

*The permittee must analyze for all the priority toxic organics (See Table A) likely to be present in concentrations greater than 0.01 mg/L. Attach the complete TTO analysis indicating parameters sampled and their reported concentrations.

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TABLE B

Total Toxic Organic List *

ACROLEIN	PHENOL	HEXACHLOROCYCLOPENTADIENE
ACRYLONITRILE	2,4,6-TRICHLOROPHENOL	HEXACHLOROETHANE
BENZENE	ACENAPHTHENE	INDENO(1,2,3-CD)PYRENE
BROMOFORM	ACENAPHTHYLENE	ISOPHORONE
CARBON TETRACHLORIDE	ANTHRACENE	NAPHTHALENE
CHLOROBENZENE	BENZIDINE	NITROBENZENE
CHLORODIBROMOMETHANE	BENZO(A)ANTHRACENE	N-NITROSODIMETHYLAMINE
CHLOROETHANE	BENZO(A)PYRENE	N-NITROSODI-N-PROPYLAMINE
2-CHLOROETHYL VINYL ETHER	3,4-BENZOFLUORANTHENE	N-NITROSODIPHENYLAMINE
CHLOROFORM	BENZO(GHI)PERYLENE	PHENANTHRENE
DICHLOROBROMOMETHANE	BENZO(K)FLUORANTHENE	PYRENE
1,1-DICHLOROETHANE	BIS(2-CHLOROETHOXY)METHANE	1,2,4-TRICHLOROENZENE
1,2-DICHLOROETHANE	BIS(2-CHLOROETHYL)ETHER	ALDRIN
1,1-DICHLOROETHYLENE	BIS(2-CHLOROISOPROPYL)ETHER	ALPHA-BHC
1,2-DICHLOROPROPANE	BIS (2-ETHYLHEXYL)PHTHALATE	BETA-BHC
1,3-DICHLOROPROPYLENE	4-BROMOPHENYL PHENYL ETHER	GAMMA-BHC
ETHYLBENZENE	BUTYLBENZYL PHTHALATE	DELTA-BHC
METHYL BROMIDE	2-CHLORONAPHTHALENE	CHLORDANE
METHYL CHLORIDE	4-CHLOROPHENYL PHENYL	4,4'-DDT
METHYLENE CHLORIDE	ETHER	4,4'-DDE
1,1,2,2-TETRACHLOROETHANE	CHRYSENE	4,4'-DDD
TETRACHLOROETHYLENE	DIBENZO(A,H)ANTHRACENE	DIELDRIN
TOLUENE	1,2-DICHLOROBENZENE	ALPHA-ENDOSULFAN
1,2-CIS,TRANS-	1,3-DICHLOROBENZENE	BETA-ENDOSULFAN
DICHLOROETHYLENE	1,4-DICHLOROBENZENE	ENDOSULFAN SULFATE
1,1,1-TRICHLOROETHANE	3,3'-DICHLOROBENZIDINE	ENDRIN
1,1,2-TRICHLOROETHANE	DIETHYL PHTHALATE	ENDRIN ALDEHYDE
TRICHLOROETHYLENE	DIMETHYL PHTHALATE	HEPTACHLOR
VINYL CHLORIDE	DI-N-BUTYL PHTHALATE	HEPTACHLOR EPOXIDE
2-CHLOROPHENOL	2,4-DINITROTOLUENE	PCB-1242
2,4-DICHLOROPHENOL	2,6-DINITROTOLUENE	PCB-1254
2,4-DIMETHYLPHENOL	DI-N-OCTYL PHTHALATE	PCB-1221
4,6-DINITRO-O-CRESOL	1,2-DIPHENYLHYDRAZINE (AS	PCB-1232
2,4-DINITROPHENOL	AZOBENZENE)	PCB-1248
2-NITROPHENOL	FLUORANTHENE	PCB-1260
4-NITROPHENOL	FLUORENE	PCB-1016
P-CHLORO-M-CRESOL	HEXACHLOROBENZENE	TOXAPHENE
PENTACHLOROPHENOL	HEXACHLOROBUTADIENE	

* These are the parameters that shall be analyzed for initially determining the total toxic organic (TTO) concentration of the wastewater.